

Amendment to the Specification

As requested by the Examiner, kindly amend the specification by inserting the following paragraph in place of that appearing at page 12, line 18 through page 13, line 8:

-- Referring now to Figure 6, a further embodiment of the present invention also comprises the features of the second embodiment. However, the focussing field is now provided by an arrangement comprising the second counter electrode 27 and a number of ring electrodes 28. The arrangement is of a type similar to a known electrostatic lens suitable for focussing electrons in vacuo. However, arrangements in which multiple ring electrodes 28 are provided are no more effective for focussing particles of significant mass than arrangements involving two ring electrodes 28. Consequently this embodiment provides two ring electrodes 28 of differing size which are co-axially mounted with the tube 17 toward the second counter electrode 27. The smaller ring electrode 28 is mounted closest the counter electrode 27 so as to provide a focussing field for charged particles 15 ~~existing~~exiting the first electrostatic field. The ring electrodes 28 are charged to the same polarity as the charged particles 15 so that the particles exiting the first electrostatic field and entering the second are deposited on the second counter electrode 27. --